# KANSAS APPROACH TO IMPROVING MATERNAL & INFANT HEALTH OUTCOMES

http://www.kdheks.gov/bfh



## Innovative, Comprehensive Approach

Community Collaboration
Prenatal Education, Care and Support
Targeted Evidence-based Interventions/Toolkits
Shared Measurement and Evaluation

#### **Kansas Model**

The Kansas model brings together prenatal care, education and support in a collaborative, standardized approach. Primary components include 12 hours of comprehensive education, clinical care, public health cross-referrals and other priority services/supports.



## Kansas Measures Snapshot – 2017<sup>1</sup>

#### 36,464 Total Live Births

Infant Mortality Rate
6.0 per 1,000 live births
Sudden Unexpected Infant Death Rate
1.1 per 1,000 live births
Preterm Birth Rate (<37 weeks) 9.6%
Early Term Birth Rate (37-38 weeks) 25.6%
Low Birthweight (<2,500 grams) 7.4%
Smoking Anytime During Pregnancy 10.1%

**Breastfeeding Initiation 88.5%** 

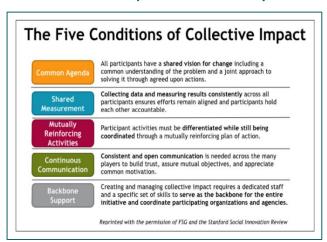
## **Comparison: Collaboratives\* vs. State Outcomes**

Infant Mortality Rate <sup>1</sup>	Geary Collaborative established* July 2012	Saline Collaborative established* Jan. 2010
2005-2008	11.9	9.0
2013-2017	5.7	5.5

Preterm Birth Rate (<37 weeks)	All Community Collaboratives <sup>2,3</sup>	Kansas/State <sup>1</sup>
2015-2017 3 year avg.	8.5%	9.1%
Breastfeeding Initiation	All Community Collaboratives <sup>2,3</sup>	Kansas/State <sup>1</sup>
2015-2017 3 year avg.	93.5%	88.0%

<sup>\*</sup>Shared Measurement

### **Collective Impact Framework is Key**



## **Universal Targeted Interventions & Toolkits**

Mental Health Oral Health Safe Sleep Breastfeeding
Tobacco Cessation – SCRIPT®, Baby & Me Tobacco Free®, KanQuit/Quitline
Preterm Birth – Prophylactic Progesterone, Low-Dose Aspirin, eliminate Early Elective
Deliveries, One Key Question®, Long-Acting Reversible Contraception (LARC)
SBIRT - Screening, Brief Intervention, and Referral to Treatment

